

PD-ABH-788  
15N86477

**TITLE:** MARSABIT DISTRICT EMERGENCY RELIEF PROJECT

**REFERENCE NUMBER:** 968-1032-G-00-3016-00

**REPORTING PERIOD:** FINAL REPORT  
8 DECEMBER, 1992 - 31 DECEMBER, 1993

**RECIPIENT:** FOOD FOR THE HUNGRY INCORPORATED

**IMPLEMENTING AGENCY:** FOOD FOR THE HUNGRY/KENYA  
P.O. BOX 14978  
NAIROBI, KENYA

**TEL:** 254-2-441-789/90  
**FAX:** 254-2-443-596

**CONTACT:** CAROL WINNINGE, COUNTRY DIRECTOR

**DATE:** 18 FEBRUARY, 1994

## 1. PROJECT SUMMARY

There were 188,000 people in Marsabit District registered for food relief in June-July, 1992. These people were registered by churches, Non-Government Organizations, and in several communities, by committees of elders. At that time, the drought and concomitant famine was well established and reported as being in an emergency situation by the Office of the President of Kenya. World Food Program (WFP) requested Food for the Hungry/Kenya to be the Lead Agency in Marsabit District for the receipt and distribution of WFP relief commodities, beginning in June of 1993. The registered recipients represented the entire estimated population of the District (188,000). However, the amount of food allocated to the District was set at full ration for 89,000 recipients.

Due to procurement difficulties by World Food Program and logistical problems by the primary transporters (CARE), Marsabit District received significantly less than the allocated amount of relief commodities throughout the Grant Period, which resulted in a significant reduction in costs incurred by Food for the hungry for the receipt, storage and distribution of the food.

During the total 13-month Grant period, 10,575 Metric Tons (MT) of food from WFP was received by Food for the Hungry/ Kenya and dispatched to 43 distribution centers throughout the District which covered every area of habitation.

FHI supplied \$6000 of emergency medicines to the District Hospital and clinics in Marsabit, 2 MT of BP-5 high nutrition biscuits to clinics for severely malnourished children, 130 cases of multi-vitamins, 20 MT of Uni-Mix, 10 MT of dried milk powder, 8.6 MT vegetable oil, 36 MT beans and 150 cases (3600 cartons) of long-life milk during the Grant period.

A 4-wheel drive LandRover was purchased for use in traveling to remote areas for monitoring distribution efficiency, contacting implementing agencies, ascertaining fairness and completion of distribution and for nutritional assessments of children under 5 years of age.

Two registered nurses and two assistants performed nutritional assessments (by height-to-weight measurements) on a total of 12,543 children throughout the District. Their assessments were done in 43 centers and the results helped determine the pockets of greatest need. The identified pockets were supplied with additional rations and supplementary food for the children.

Monitoring of distribution and "end-use" surveys were carried out throughout the District to assure that the food being dispatched reached the recipients and was distributed equitably. Unannounced and random surveys were done in manyattas scattered throughout remote areas of the District to interview food recipients and compare their comments regarding relief food given with distribution records to assure accuracy of recording and to discourage/discover any discrepancies.

A computer and printer were purchased for the preparation of field and office reports; office furniture and supplies were purchased for

the relief staff; training manuals prepared and used in the training of new staff; field equipment purchased for field trips as per Grant request.

## 2. PROJECT OBJECTIVES (per Grant Extension Request)

2.1 Serve as Lead Agency in Marsabit District for World Food Program (WFP) to improve the deteriorated nutritional status of drought-affected peoples through the provision of supplementary food aid.

2.2 To decrease the percent of malnutrition throughout the entire District to below 10%. This is determined by height/weight measurements and includes all children below 5 years of age who fall below 80% of the average weight for their height.

2.3 Procure, allocate and distribute Food for the Hungry commodities and those from other donors, in addition to those from WFP, to areas of greatest need as ascertained by nutritional assessment surveys performed by FHI nutrition monitors.

2.4 Continue conducting nutritional assessments in remote communities where data is lacking from any other source. The information collected will be used to target areas of greatest need and to communicate with the District Famine Relief Committee, UNICEF, and other donors as to need for supplementary food for the children and those most affected. Vitamins and milk powder will be sought for these areas of need.

2.5 Conduct field trips to monitor effectiveness of distribution. End-use surveys will continue to be done on a regular basis to determine the amount of food that is getting to the people in remote manyattas and to assure adequate supplies of food. During these trips all records are examined for accuracy and completeness and whenever there is a problem, it is discussed and the proper procedure taught to those in charge. If the situation warrants a return trip, this is arranged as soon as possible, and with FHI acting as the facilitator, WFP, the DFRC (District Famine Relief Committee) and CARE will travel to the community and meet with the local relief committee, chief, and NGO to resolve any problematic issue.

2.6 At this time, and on a continuing basis, FHI personnel will act as facilitators in mobilizing the communities to begin post-drought recovery programs. Where available, this may be in coordination with a NGO in the community.

## 3. STATUS OF PROJECT IMPLEMENTATION

3.1 **Lead Agency for WFP in the Provision of Food Aid.** Food for the Hungry/Kenya has served as Lead Agency for WFP in Marsabit District from June, 1992 through 31 December, 1993. During the 13 month-Grant period (8 December, 1992 - 31 December, 1993), FHI received, stored and distributed 142,138 bags of maize, 31,256 bags of beans, 877 cases of tinned meat, 26,023 cases of vegetable oil and 1,678 bags of millet to the drought-affected population of Marsabit. This represented a total of 8,218 MT maize, 1,782 MT beans, 78 MT millet, 23 MT meat, and 474 MT edible oil. The food was distributed at the community level by "Implementing Agencies or Partners" who were responsible for receiving, recording, meeting with local Famine Relief Committee and elders each month to determine how much food each registered family would receive, and assisting in the

distribution of the commodities. A list of the centers (as of December, 1992), the designated "Implementing Agency", and the famine relief registration summary is presented in (Table I).

The food was dispatched to 46 major distribution centers in communities throughout the District in quantities determined by the District Famine Relief Committee. The Distribution Plan for the District is presented in (Table II).

**3.2 Procurement and Distribution of Supplemental Foods by FHI.** During this same time period FHI received and distributed the following donations of requested supplementary food items:

AmeriCares - 10 MT CSM + 10 MT UniMix from FHI = 20 MT combination.  
AmeriCares - 0.6 MT MultiVitamins and Vitamin A  
Nestle of Geneva - 9.5 MT NIDO full-cream milk powder  
Norwegian Church Aid - 2 MT BP-5 biscuits (high supplement)  
Penn Foundation - 167 cases of vegetable oil (3.3 MT)  
Star of Hope - 36 MT beans and 263 cases vegetable oil (5.3MT)  
Food for the Hungry - Medicines valued at approximately \$6000  
American Catholic Foundation - 2 MT whole long-life milk

In the Grant Proposal it was stated that FHI would supply approximately 100 MT of beans, dried milk powder, supplemental feeding supplies for children and vitamins. The above commodities equal 78.7 MT. After the proposal was written but before approval, FHI supplied and distributed 9.92 MT beans, 2.5 MT dried milk powder and 0.14 MT vegetable oil for a sub-total of 12.56 MT. This combined with the amount supplied during the grant period equals 91.26 MT total. Emergency requests for medical supplies in the District necessitated using funds for the purchase of medicines instead of additional food supplies as originally stated in the proposal. (Table III).

**3.3 Nutritional Assessments.** Height/weight measurements were done on no less than 20% children under 5 years of age in 43 communities, representing the entire District. Repeat visits were made to communities to assess their nutritional progress. Children who were below 80% of the normal weight for their height were considered malnourished and these results indicated the general condition of their entire community. During the 4 quarters of this Grant the assessed malnutrition rate was as follows:

|                            |       |
|----------------------------|-------|
| January - March, 1993      | 13.6% |
| April - June, 1993         | 9.3%  |
| June - August, 1993        | 11.7% |
| September - December, 1993 | 8.4%  |

The improved rate in the 2nd quarter resulted from an above-average "short rains" period from November, 1992 through March, 1993. Water became freely available throughout the District, the maize crop was up to 40% of normal (after complete failure during the 2 previous growing seasons), grazing areas were good, and the surviving goats gave birth which resulted in a small amount of milk being available for supplementing the relief food diet. The 3rd quarter increase in the malnutrition rate was due to the dry season and animals being moved out of the area and depletion of the harvested crops. November and December, the cattle and camels gave birth to young which resulted in more milk and meat being available, plus, increased

quantities of relief food was dispatched. Average malnutrition rates are presented in (Table IV) for each month of 1993. The accompanying Graph shows the improvement in the nutrition status during the year.

**3.4 Monitoring and Evaluation of Distribution Systems.** Random surveys and household interviews were done in isolated villages and communities in the District to assure that the people in need of food relief were getting the appropriate ration. At each distribution center, the Distribution Ledgers and Records of Receipt were examined and compared to the household interviews. Where there were discrepancies, further investigation was done and remedial action taken. In some cases, it was necessary to work with the Implementing Partners to further train them in proper record-keeping. In others, corrective action was necessary to assure that the entire amount of dispatched relief commodities reached the famine-affected peoples.

Outside of Central Division (Marsabit town/mountain), 31 major community centers were used as distribution points. In 4 of these centers, there were minor problems with missing commodities that were resolved by investigation and District Administrative assistance. In one other community, it was necessary to station 2 FHI field monitors to assure that all the food was distributed properly to the people. Three other monitors were stationed in centers needing assistance in record-keeping.

Table V shows the results of the monitoring surveys throughout the Grant period. Any location where the Distribution Ledgers at the center did not match the household surveys, follow-up visits were made and meetings with the local Famine Relief committee, Chief or Assistant Chief, Implementing Agency and village elders were conducted to resolve the problem. In Korr and Kurungu (South Horr), it was necessary to change Implementing Agencies, in Kargi, Moyale, Turbi and Maikona, it was necessary to station FHI Field Monitors to assist in the distribution process.

Appended to Table V is also an example of an End-Use survey and report written by an FHI Field Monitor.

**3.5 Personnel and Training.** The FHI Relief Team consisted of 17 members: 5 Field Monitors, 3 storage site (N.C.P.B.) Monitors and Recorders, 1 Food For Work (FFW) Overseer, 2 ladies performing nutritional assessments, a Storekeeper (for FHI storehouse and commodities), a Secretary, a Bookkeeper, a Driver/Mechanic, an Assistant Manager and the Manager. The Field Monitors, N.C.P.B. Monitors, FFW Overseer and women performing nutritional assessments spent 5 days in training and participated in field trips and on-site experience before being hired as members of the Relief Team. Training manuals were prepared by the Assistant Manager and recruited Registered Nurses with assistance from the Ministry of Health, OXFAM, UNICEF, and employees of the National Cereals and Produce Board (N.C.P.B.). Job Descriptions were written by the Relief Manager and reviewed with each new employee.

**3.6 Post-Drought Rehabilitation.** As community facilitators, the End-Use Survey Monitor spent time in each community with the elders, discussing the village's plan for the future and what assistance they would need to recover from the effects of the drought, if any. An example of this activity is found in Table V.

Food for the Hungry has completed Food for Work and Cash for Work projects in several communities. Two projects were related to drought mitigation by improving and extending existing water systems and building water catchment systems; and a third project involved school classroom construction which provided cash for a community to assist in re-stocking their livestock herds which were lost during the drought.

During the last quarter of the Grant, Food for the Hungry accepted, approved, and monitored 12 Food for Work Projects in Central Division which targeted the poorest of the population. These projects included terracing (soil conservation), reforestation (tree planting), digging new water catchment dams, de-silting existing dams, fence clearing and road clearing. A total of 1,074 workers (1 worker/family) participated in these projects. (Table VI)

Where possible, the Food For Work projects were aimed at drought mitigation, in order that, during the next dry season, water would be available for longer periods of time in dams, terracing would conserve soil and moisture for raising agricultural products, and additional tree growth (through reforestation) would hold moisture in the soil longer and eventually, promote rainfall.

#### 4. GOALS MET

4.1. Served as Lead Agency for World Food Program for the receipt and distribution of their relief commodities throughout the Grant Period.

4.2 Decreased the average rate of malnutrition in the District from 13.6% in January, 1993 to 8.4% in December, 1993. The Goal was to decrease the malnutrition rate to below 10% for the District.

4.3 Food for the Hungry procured and distributed over 91 MT of supplementary foods for the people in greatest need in the District. These people were in the vulnerable group suffering from an incomplete diet (children, elderly people, diseased, lactating mothers). Food for the Hungry also supplied \$6,000 in emergency medicines for the District to combat malaria, dysentery, typhoid fever, and other bacteria-caused illnesses.

4.4 Height/weight measurements were done on over 12,500 children under 5 years of age, to determine the rate of malnutrition in the District. Repeat measurements spaced several months apart were performed in the communities to determine progress or regression of nutritional status.

4.5 Monitoring and evaluation of efficiency of food distribution was carried out repetitively in all but 1 major distribution center. More than 50 unannounced trips were made to centers, with 3 random households interviewed at each location.

4.6 As facilitators for post-drought rehabilitation,, FHI has initiated and is monitoring 12 FFW projects in Central Division in Marsabit District. Completed projects include extending water distribution systems, building water catchments, repairing hand pumps for water, building schoolrooms in Cash for Work programs. The End-Use Survey Monitor has facilitated discussions among the elders in the communities he visited regarding the future of their village.

#### 5. GOALS NOT MET

5.1 The total number of Nutritional Assessments and End-Use Surveys monitoring the effectiveness and efficiency of the food distribution system was less than anticipated due to several factors:

a) late delivery time of LandRover to be used for trips, b) a long rain season when the unpaved roads in the District were impassable, c) mechanical difficulties with the vehicle that necessitated spare parts to be ordered from England, d) delayed approval of request for Grant Extension (4 months from end of initial Grant Period and application for Extension).

5.2 Less relief food was received from WFP than originally allocated, therefore, FHI received less and shipped less than requested in the Proposal. During 1993, the number of official drought-affected people decreased from 89,000 to 50,000, even though all registered people continued to receive food, in reduced quantities.

## 6. BUDGET - Table VII

6.1 **Temporary Staff.** The budgeted amount was \$10,781 with \$8,792 being spent during the Grant period. The used amount was less because of the delayed response (almost 4 months) in approval for the Grant extension, which provided for significantly increasing the number of staff on the Relief Team.

6.2 **Casual Labor.** The budgeted amount of \$8,060 was underspent by \$4,360 since Marsabit District did not receive the WFP/Office of the President full allocation of relief commodities throughout 1993. At the beginning of WFP relief assistance in Marsabit, the District was allocated over 1,200 MT each month for the 89,000 recipients. This would have amounted to 15,600 MT of foodstuff. However, by the end of the 13-month Grant period, FHI received and distributed approximately 10,500 MT of food from WFP. If the total allocated amount had been received and distributed, the casual labor costs for this additional amount would have been approximately \$3,363, versus the \$4,360 that was actually underspent.

6.3 **Transportation.** Overseas and inland transportation of FHI commodities was budgeted for \$33,472. However, food shipments arrived in port and were transported before approval of the initial Grant on December 8, 1992. Therefore, only \$5,968 was spent for FHI commodity transport and distribution during the Grant period. This represents a variance of \$27,504.

6.4 **Vehicles.** A new 4-WD LandRover was purchased in February, 1993 after a 2-month wait for delivery. This vehicle was used for monitoring the distribution of relief food supplies and for nutritional assessments of children throughout the District. After approval of the Grant Extension request, a vehicle was rented to facilitate these monitoring/assessment trips, problem-resolving sessions with community committees, advising and monitoring activities in the N.C.P.B., meetings with the District Commissioner, World Food Program, monitoring Food For Work programs, etc. Two mobile radio units were purchased for use in our Relief Lorry and LandRover for security purposes. The budgeted Line Item for vehicles was for \$57,438, with \$38,468 being spent. This Line Item was underspent because of the necessity of purchasing a locally-assembled LandRover at \$24,000+ instead of waiting 4 months for a vehicle assembled and shipped from Britian, which was quoted at \$40,000.

**6.5 Monitoring/Nutritional Assessment Mileage and Other Relief-Related Mileage.** This Line Item was budgeted for \$15,276 for the entire Grant Period from December 8, 1993 through December 31, 1993. The total drawn from this Line Item was \$5,572 with a variance of \$9,704. This Item was underspent for the same reasons as most all Lines were underspent as is listed at the end of this section. During the extension period of the Grant, transportation charges were included that were directly related to Marsabit Relief activities as proposed in the Extension request.

**6.6 Meals and Lodging for Monitoring Trips and Assessment Team.** Included in this item is per diems (<\$2/day) for training and interviewing potential relief staff members before hiring. The training period took 5 days and applied to 5 out-of-town applicants. The Assistant Relief Manager was sent to a week-long Relief Training Seminar in November, 1993, at a cost of \$75 plus transportation. This seminar focused on the relationship between NGO's, donors and the government in Disaster Management. Meals and Lodging were budgeted for \$2,160 but included an error between the approved Line Item Budget in September, 1993 and Amendments #1 and #2. The expenditure in this Line Item was \$2,237 which was \$77 in excess of that budgeted.

**6.7 Office Supplies and Field Equipment.** \$7,593 was budgeted and \$4,983 spent for office and field equipment. Camp beds, linens, cooking equipment, lamps, utensils, pallets for the storehouse were purchased. Spraying equipment to spray the store for vermin and insects was also purchased; a computer and printer were purchased for the preparation of the reports required by WFP, CARE, DFRC, the District Commissioner, and FHI offices. Fax, telephone, and photocopier charges were included that dealt directly with the relief program.

**NOTE:** Throughout the Grant Period, most all Line Items were significantly underspent for the following reasons:

a). Delayed availability in purchase of new LandRover for monitoring and assessment trips. (2 1/2 months)

b). Lack of adequate relief food from WFP to fulfill the allocation quotas for Marsabit District throughout the entire Grant Period.

c). At the time of the writing of the original proposal, FHI had requested shipments of relief commodities from overseas. By the time the Grant was approved, these commodities had arrived and most had been distributed in Marsabit.

d). Due to the rugged terrain and long distances involved, it was discovered to be unrealistic to keep the M & E teams on the road all the time. Also, vehicle breakdown slowed mobility for 2 months while waiting for a coil spring to be shipped from Britian.

e). During a 4-month period of waiting for official notification for approval for the Grant Extension, excess mileage and traveling was kept to a minimum without jeopardizing the program or the recipients of food aid. The additional staff that were requested were not hired until notification was received.

The total approved budget was \$134,780 for Emergency Relief Operations in Marsabit District from December 8, 1992 through December 31, 1993. The total amount spent under the Grant agreement was \$69,719.

TABLE I

OFDA Final Report - December 31, 1993  
 Food for the Hungry/Kenya  
 Marsabit Emergency Relief Grant  
 968-1032-G-00-3016-00

December, 1992

DISTRIBUTION PROFILE  
 MARSABIT DISTRICT

| Distribution Center            | Implementing Agency | Registered Households | Wheat MT  | Peas MT |
|--------------------------------|---------------------|-----------------------|-----------|---------|
| <b>MOYALE DIVISION</b>         |                     |                       |           |         |
| Dabel                          | CPK/AIC             | 400                   | 90<br>7.4 |         |
| Godoma, Nana                   | CPK                 | 350                   |           |         |
| Bore, Somale                   | Catholic            | 700                   |           |         |
| Manyatta Burgie                | Full Gospel         | 800                   |           |         |
| Butuyie, Hellu,<br>Ode, Adessa | WV                  | 2600                  |           |         |
| <b>LOIYANGALANI DIVISION</b>   |                     |                       |           |         |
| Loiyangalani                   | Catholic            | 1000 (migrant)        | 27.4      |         |
| Kurungu/S. Horr                | AIC                 | 545                   | 19.2      |         |
| Mt. Kulal/ Gatab               | AIC                 | 363                   | 19.2      |         |
| Kargi                          | CPK                 | 1200                  | 36.5      |         |
| <b>NORTH HORR DIVISION</b>     |                     |                       |           |         |
| North Horr                     | Catholic            | 2750                  | 77.7      |         |
| Gas                            | Farm Africa         | 250                   | 21.0      |         |
| Dukana                         | Chief/Comm          | 800                   | 30.4      |         |
| Balesa                         | WV                  | 1000                  | 40.0      |         |
| Ileret                         | AIC/SIL             | 357                   | 7.0       | 2.95    |
| <b>MAIKONA DIVISION</b>        |                     |                       |           |         |
| Maikona                        | CPK/Chief           | 800                   | 33.85     |         |
| Turbi                          | CPK                 | 276                   | 5.5       |         |
| Bubisa                         | WV                  | 930                   | 37.5      |         |
| HuriHills/Forole               | ELCK                | 500                   | 20.0      |         |
| Kalacha                        | AIC                 | 800                   | 38.5      |         |
| Kurawe                         | AIC                 | 108                   | 4.55      |         |
| El Gade                        | AIC                 | 156                   | 5.5       |         |
| Ragge                          | AIC                 | 132                   | 4.55      |         |
| <b>SOLOLO DIVISION</b>         |                     |                       |           |         |
| Sololo/ Uran                   | Cath./ELCK          | 2422                  | 49.4      |         |
| <b>LAISAMIS DIVISION</b>       |                     |                       |           |         |
| Laisamis                       | Catholic            | 1000                  | 54.9      |         |
| Oltorot                        | GTZ/AIC             | 105                   | 10.9      |         |
| Korr                           | GTZ/BTL             | 1000                  | 36.5      |         |
| Ilaut/Arsim                    | Chief               | 200                   | 14.6      |         |
| Loglogo                        | WV/AIC              | 1573                  | 36.6      |         |
| Ngurinet                       | WV/AIC              | 1636                  | 32.0      |         |
| <b>MOUNTAIN DIVISION</b>       |                     |                       |           |         |
| Jillo Village                  | Catholic            | 643                   | 5.3       |         |
| GoruRukesa                     | ELCK/CPK            | 675                   | 5.4       |         |
| Dub Goba                       | ELCK/CPK            | 414                   | 3.4       |         |
| Boru Haro                      | Catholic            | 605                   | 4.9       |         |

|                     |             |      |         |
|---------------------|-------------|------|---------|
| Gabbara Scheme (I)  | Catholic    | 347  | 2.85    |
| Gabbara Scheme (II) | AIC/Cath    | 541  | 4.3     |
| Badassa             | NCKK        | 275  | 2.3     |
| Songa               | AIC         | 456  | 3.65    |
| Kituruni            | AIC         | 266  | 2.25    |
| Karare/Ogicho       | Catholic    | 642  | 4.5/.75 |
| HulaHula            | CPK         | 550  | 4.5     |
| Township            | Prot./Cath. | 2165 | 17.2    |
| DakaBaricha         | ELCK/CPK    | 1015 | 8.2     |

TABLE II

OFDA Final Report - December 31, 1993  
 Food for the Hungry/Kenya  
 Marsabit Emergency Relief Grant  
 968-1032-G-00-3016-00

MAY, 1993

DISTRIBUTION PLAN  
 IN MARSABIT DISTRICT  
 1993

This plan of distribution is set up on a basis of 100 MT of any foodstuff. In this way, a ratio can then be easily calculated upon the amount received during any month and can be adjusted throughout the month as the amount received changes. The figures are based upon an updated registration profile as the nomadic population has moved. The percentage affected are the figures that were decided upon during the December, 1992 District Famine Relief Committee meeting. As the true family size throughout much of the district is closer to 5.5 members per family instead of 6, the targeted population is slightly over 101,000.

| DIVISION/DISTRIBUTION CENTER: | Percent<br>Affected | Updated<br>Registr | Affected<br>Population | PER 100MT        |                  |                       |          |     |
|-------------------------------|---------------------|--------------------|------------------------|------------------|------------------|-----------------------|----------|-----|
|                               |                     |                    |                        | TONS<br>RECEIVED | (600MT)<br>MAIZE | (Carry-over)<br>BEANS | OIL MEAT |     |
| MOYALE 60%                    |                     | 4450               | 2670                   | 14.4             | 86               | 20                    | 9        | 0   |
| Dabel                         |                     | 400                | 240                    | 1.5              | 9                | 4                     | 5        | 0   |
| LOIYANGALANI 70%              |                     |                    |                        |                  |                  |                       |          |     |
| Loiyangalani                  |                     | 1500               | 1050                   | 5.7              | 34               | 36                    | 4        | 0   |
| Kurungu                       |                     | 545                | 382                    | 2.1              | 13               | 4                     | 5        | 0   |
| Mt. Kulal                     |                     | 363                | 254                    | 1.4              | 8                | 3                     | 1        | 0   |
| Kargi                         |                     | 1309               | 916                    | 4.9              | 29               | 14                    | 9        | 0   |
| Oltorot                       |                     | 105                | 74                     | 0.4              | moving 2         | .5                    | .2       | 0   |
| NORTH HERR 70%                |                     |                    |                        |                  |                  |                       |          |     |
| North Horr                    |                     | 2000               | 1400                   | 7.6              | 46               | 17                    | 6        | 0   |
| Gas                           |                     | 250                | moved to N.Horr        |                  | 5                | 1                     | .6       | 0   |
| Dukana                        |                     | 700                | 490                    | 2.6              | 16               | 4                     | 3        | 0   |
| Balesa                        |                     | 700                | 490                    | 2.6              | 16               | 4                     | 3        | 0   |
| Ileret                        |                     | 357                | 250                    | 1.3              | 8                | 7                     | 3        | 0   |
| MAIKONA 70%                   |                     |                    |                        |                  |                  |                       |          |     |
| Turbi                         |                     | 378                | 265                    | 1.4              | 8                | 1                     | .6       | 0   |
| Bubisa                        |                     | 930                | 651                    | 3.5              | 21               | 5                     | 2        | 0   |
| Hurri Hills                   |                     | 410                | 287                    | 1.5              | .9               | 4                     | .7       | 0   |
| Forolle                       |                     | 287                | 201                    | 1.1              | 7                | 1                     | .5       | 0   |
| Kalacha                       |                     | 790                | 553                    | 3.0              | 18               | 6                     | 2        | 0   |
| El Gade                       |                     | 156                | 109                    | 0.6              | 4                | .8                    | .3       | 0   |
| Maikona                       |                     | 850                | 595                    | 3.2              | 19               | 4                     | 3        | 0   |
| SOLOLO 60%                    |                     |                    |                        |                  |                  |                       |          |     |
| Sololo                        |                     | 1792               | 1075                   | 5.8              | 35               | 18                    | 5        | 2   |
| Uran                          |                     | 631                | 379                    | 2.0              | 12               | 5                     | 2.5      | 1   |
| LAISAMIS 70%                  |                     |                    |                        |                  |                  |                       |          |     |
| Laisamis                      |                     | 1713               | 1200                   | 6.5              | 39               | 16                    | 3        | 1.6 |
| Korr                          |                     | 2500               | 1750                   | 9.4              | 56               | 24                    | 6        | 2.4 |
| Ilaut/Arsim                   |                     | 560                | 392                    | 2.1              | 12               | 2                     | .5       | 0.5 |
| Loglogo                       |                     | 1240               | 868                    | 4.7              | 28               | 26                    | 3        | 1.1 |
| Ngurinet                      |                     | 1500               | 1050                   | 5.7              | 34               | 8                     | 3        | 1.0 |
| Merille                       |                     | 395                | 277                    | 1.5              | 9                | 0                     | 0        | 0.4 |
| CENTRAL 50%                   |                     |                    |                        |                  |                  |                       |          |     |
| Karare                        |                     | 275                | 138                    | 0.7              | 4                | 2                     | 1.5      | 0   |
| Ogicho                        |                     | 91*                | 45                     | 0.2              | 1                | .3                    | .5       | 0   |
| Kituruni                      |                     | 266                | 133                    | 0.7              | 4                | 4                     | 1.4      | 0   |

OFDA Final Report - December 31, 1993  
 Food for the Hungry/Kenya  
 Marsabit Emergency Relief Grant  
 968-1032-G-00-3016-00

TABLE III

DISTRIBUTION OF FHI  
 COMMODITIES  
 DECEMBER 1992 - JUNE 1993

| DISTRIB.<br>CENTER:    | CSM/<br>UNIMIX<br>50 kg<br>bags | Milk<br>Powder<br>Cases<br>of 72 | Multi-<br>Vitamins<br>Cases<br>of 18 | Edible<br>Beans<br>90 Kg<br>bags | Oil<br>3 L.<br>jugs | Whole<br>Milk<br>0.5 L<br>cartons |
|------------------------|---------------------------------|----------------------------------|--------------------------------------|----------------------------------|---------------------|-----------------------------------|
| <b>MOYALE</b>          |                                 |                                  |                                      |                                  |                     |                                   |
| Dabel                  | 40                              |                                  |                                      |                                  |                     |                                   |
| <b>LOIYANGALANI</b>    |                                 |                                  |                                      |                                  |                     |                                   |
| Loiyangalani           | 60                              | 136                              | 10                                   |                                  |                     |                                   |
| Kurungu                |                                 | 106                              | 5                                    |                                  |                     |                                   |
| Mt. Kulal              | 20                              |                                  | 10                                   |                                  |                     |                                   |
| Kargi                  | 40                              | 53                               | 5                                    |                                  | 1002                |                                   |
| <b>NORTH HERR</b>      |                                 |                                  |                                      |                                  |                     |                                   |
| North Horr             |                                 | 161                              | 20                                   | 99                               | 390                 | 1200                              |
| Gas                    |                                 | 53                               |                                      |                                  |                     |                                   |
| Dukana                 |                                 | 53                               | 5                                    | 100                              |                     | 198                               |
| Balesa                 |                                 | 53                               |                                      |                                  |                     |                                   |
| <b>MAIKONA</b>         |                                 |                                  |                                      |                                  |                     |                                   |
| Turbi                  | 20                              | 53                               |                                      |                                  |                     |                                   |
| Bubisa                 | 20                              | 53                               |                                      |                                  |                     |                                   |
| Kalacha                | 20                              | 214                              | 25                                   | 114                              | 402                 | 960                               |
| Maikona                | 60                              | 53                               | 5                                    |                                  |                     |                                   |
| <b>LAISAMIS</b>        |                                 |                                  |                                      |                                  |                     |                                   |
| Laisamis               |                                 | 53                               | 20                                   | 83                               | 552                 | 1440                              |
| Korr                   | 92                              | 53                               | 5                                    |                                  |                     |                                   |
| Loglogo                |                                 |                                  | 10                                   |                                  |                     |                                   |
| Ngurinet               |                                 | 21                               | 5                                    |                                  |                     |                                   |
| <b>CENTRAL</b>         |                                 |                                  |                                      |                                  |                     |                                   |
| Mountain<br>Hospital   | 3                               | 20                               | 5                                    | 1<br>3                           |                     | 6<br>30                           |
| <b>NURSERY SCHOOLS</b> |                                 |                                  |                                      |                                  |                     |                                   |
|                        | 25                              |                                  |                                      |                                  |                     |                                   |
|                        | ====                            | =====                            | =====                                | ====                             | =====               | =====                             |
|                        | 400                             | 1135                             | 130                                  | 400                              | 1680                | 3600                              |
|                        | bags                            | cases                            | cases                                | bags                             | 3-L<br>jugs         | cartons                           |

Medicines for Hospital = \$6000 delivered in December and April, 1993.

TABLE IV

Average Malnutrition Rates in  
 Marsabit District in 1993

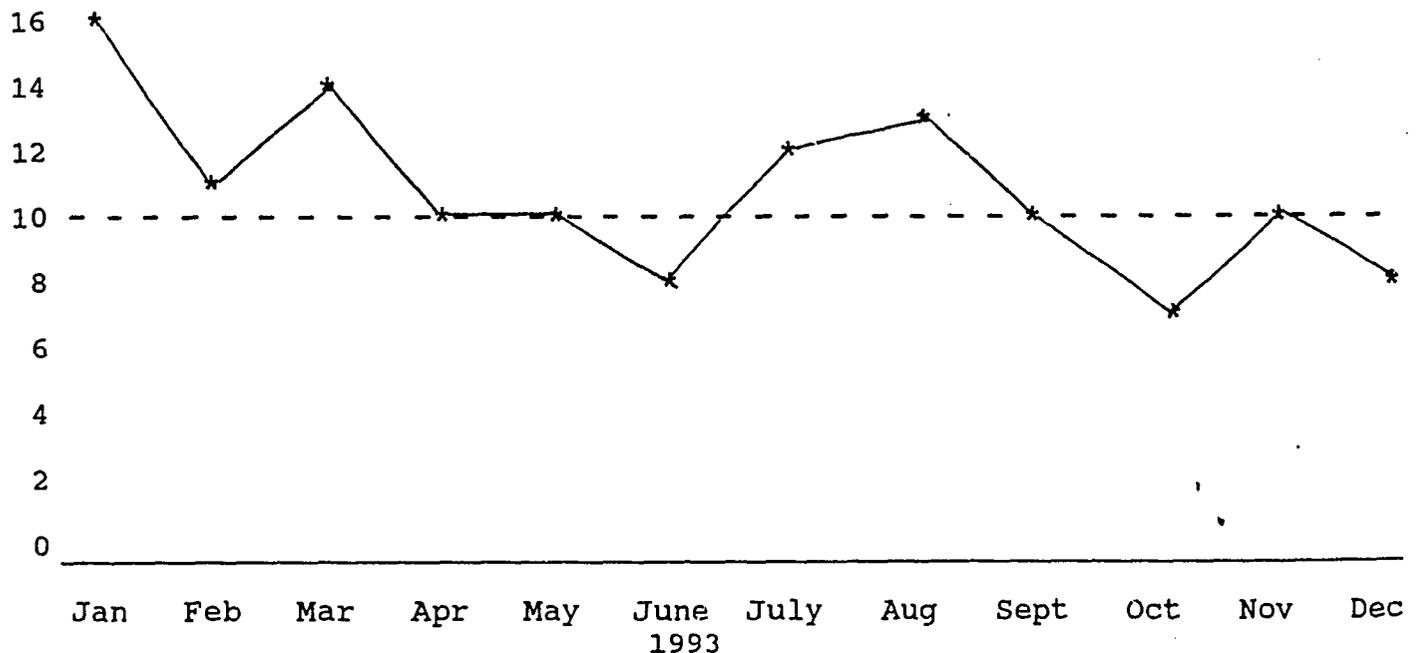
From Selective Feeding Programs (OXFAM Practical Health Guide No.1)

|                                 |                           |
|---------------------------------|---------------------------|
| P.7 2.1 Weight for height Chart |                           |
| Weight/height over 100%         | = overweight              |
| Weight/height 80 - 100%         | = adequately nourished    |
| Weight/height 70 - 80 %         | = moderately malnourished |
| Weight/height 70% or less       | = severely malnourished   |

The percentage of children measured that were 80% or less of the norm (moderately to severely malnourished) determined the degree of malnutrition in a community.

|             |      |      |             |     |      |             |      |       |             |      |      |
|-------------|------|------|-------------|-----|------|-------------|------|-------|-------------|------|------|
| Jan.        | Feb. | Mar. | Apr.        | May | June | July        | Aug. | Sept. | Oct.        | Nov. | Dec. |
| 16%         | 11%  | 14%  | 10%         | 10% | 8%   | 12%         | 13%  | 10%   | 7%          | 10%  | 8%   |
| 1st Quarter |      |      | 2nd Quarter |     |      | 3rd Quarter |      |       | 4th Quarter |      |      |
| 13.6%       |      |      | 9.3%        |     |      | 11.7%       |      |       | 8.4%        |      |      |

% Malnutrition



Even with seasonal variations, the overall malnutrition rate has decreased throughout the Grant period in 1993.

TABLE V  
 MONITORING SURVEYS FOR  
 EFFICIENCY OF FOOD DISTRIBUTION

| <u>DISTRIBUTION CENTER</u> | <u>IMPLEMENTING AGENCY</u> | <u>DISTRIBUTION LEDGERS AGREE WITH HOUSEHOLD INTERVIEW?</u> |
|----------------------------|----------------------------|---|
| Moyale                     | World Vision               | Records not available<br>(repeat visits made - same)        |
| Godoma                     | CPK Church                 | Yes   |
| Nana                       | CPK Church                 | ?   |
| Dabel                      | Chief/Community            | Yes   |
| Sololo                     | Catholic/CPK               | Yes   |
| Anona                      | Lutheran Church            | Yes   |
| Uran                       | CPK Church                 | Yes   |
| Turbi                      | CPK Church/FHI             | Yes   |
| Bubisa                     | World Vision               | No  |
| Maikona                    | CPK Church/FHI             | Yes   |
| Huri Hills                 | Lutheran Church            | Yes   |
| Forolle                    | Lutheran Church            | Yes   |
| Kalacha                    | AIC Church                 | Yes   |
| Kurawe                     | AIC Church                 | Yes   |
| El Ragge                   | AIC Church                 | Yes   |
| El Gade                    | AIC Church                 | Yes   |
| North Horr                 | Catholic Church            | Yes   |
| Gas                        | Farm Africa/Cath.          | Yes   |
| Balesa                     | World Vision               | Yes   |
| Dukana                     | Chief/Community            | Yes   |
| El Hadi                    | Assis. Chief               | Yes   |
| Loiyangalani               | Catholic Church            | No  |
| Gatab                      | AIC Church                 | Yes   |
| Kargi                      | CPK Church/Chief           | No  |
| Kurungu                    | Catholic/AIC               | No/Yes  |
| Laisamis                   | Catholic Church            | Yes   |
| Merille                    | Catholic Church            | Yes   |
| Korr                       | Chief/BTL Church           | No/Yes  |
| Ilaut                      | Community                  | Yes   |
| Ngurinet                   | World Vision               | Yes   |
| Loglogo                    | World Vision/AIC           | ?   |
| Kituruni (new)             | AIC Church                 | No (Marsabit  |
| Karare                     | Catholic/AIC               | No Mountain   |
| HulaHula                   | CPK Church/Chief           | No Division)  |

RECORD KEEPING ASSESSMENT AT  
DISTRIBUTION CENTERS

CENTER: MAIKONA DATE: 19/10/93

IMPLEMENTING AGENCY: C.P.K CHURCH:

PERSON IN CHARGE: SAMUEL SORI ABUDO.

Circle Answer

1. Is the Receipt Verification Form kept up-to-date?  Yes No

2. Does Receipt Verification at center agree with FHI Dispatch Orders?  Yes No

3. Distribution Ledgers kept up-to-date and accurate?  Yes No

4. Ledger amount distributed agree with HH surveys?  Yes No

5. Calculated: HH entitlement same as amount distrib.?  
Ex: amount delivered  $\div$  registered HH =  
         Kg/HH/month. Does this figure agree with  
Distribution Ledgers and HH surveys? (YES)  Yes No

6. Physical Inventory at Community site = 290 bags cereals  
12 bags beans NIL cans oil

7. Why was all food not distributed? BECAUSE THERE IS MANY  
MANYATTAS, AND AS SUCH EACH ONE OF THEM HAS DIFFERENT DAT

8. How often is food distributed? TWICE PER MONTH.

9. If Centers are storing food, then they need to have Stock Cards to keep inventory. Are they doing this? Yes  NO

10. Fill out Storehouse Inspection Form if Center is storing food.

Surveyor filling out this form: HENRY HAKUNO WAKO:

END USE SURVEY

District: MARSABIT Date of visit 19/10/93  
 Division: MAIKONA Name of Surveyor: HENRY HALKAN  
 Center: MAIKONA Title: RELIEF FIELD WORKER  
 Other surveyors: STEPHANE GANABO GALGALLO. (R-ASST. MN)

| Population of Center: | Number Receiving Food: | Information Source |
|-----------------------|------------------------|--------------------|
| 800                   | 800                    | C.P.K CHURCH       |
|                       |                        |                    |
|                       |                        |                    |

Does Distribution Committee Exist? YES.

| Names                 | Titles        |
|-----------------------|---------------|
| 1. SAMUEL SORI ABUDO. | C.P.K Person. |
| 2. TUYE ADANO WARIU.  | ELDERS        |
| 3. TUNA BAGAJA.       |               |

Distribution Methodology Present Indicate Yes or No.

1. Food Arrives directly from District Capital YES
2. Food Arrives from Division warehouse NO
3. Food Arrives from Location Warehouse NO
4. Food Arrives accompanies by:

NGO Yes/No. Name of NGO NO

Government official Name and Title NO

5. Food Arrives by (Truck) Camel/Donkey/Human Portage (Circle one)
6. Food Distributed ( ) Directly from Transport Vehicle.  
(✓) From Local Warehouse
7. Food Distributed by: (✓) Distribution Committee.  
( ) NGO  
( ) DO

8. Copies of Delivery Notes duly filed with local clerk Yes/No.  
Last Delivery Notes:

| No.  | Date    | No.  | Date    | No.  | Date.   |
|------|---------|------|---------|------|---------|
| 1476 | 20-9-93 | 1476 | 20-9-93 | 1505 | 23-9-93 |

9. Destination verification reports filled out on file locally Yes/No.
10. Family Distribution Ledger utilized for distribution Yes/No.  
CARE's Format Yes/No. Local Format Yes/No.
11. Last Distribution Dates, Amounts and quota according to local authorities:

| Date    | Cereals | Pulses | Oil      | Quota per person: |
|---------|---------|--------|----------|-------------------|
| 4-10-93 |         |        | 1 1/2 kg | Cereal:           |
| 21-9-93 |         | 10 kg  | 1 1/2 kg | Pulses:           |
| 20-9-93 | 50 kg   |        |          | Oil:              |
| 9-9-93  |         | 1.7 kg |          |                   |

Each HH should be in different manyatta.

| House hold No.   | Name of Family Head             |                   | DATE OF LAST DISTRIBUTION | Commodity Amounts Received. |        |         | DATE OF 2ND LAST DISTRIBUTION | Commodity Amounts Received |        |       | DOES THIS FAMILY SHOW UP ON A DISTRIBUTION LEDGER | DO AMOUNTS AGREED WITH DISTRIBUTION LEDGER:                                |
|------------------|---------------------------------|-------------------|---------------------------|-----------------------------|--------|---------|-------------------------------|----------------------------|--------|-------|---|--|
|                  | Number of Persons in Household. |                   |                           |                             | cereal | beans   |                               | other                      | cereal | beans |   |  |
| House hold No. 1 | 7                               | Boru Guyo SALAZA  | 4-10-93                   | No                          | 10kg   | 1 1/2kg | 21-9-93                       | No                         | No     | 0.5   | Yes/No  | The whole information received with agrees with the ledger on last reading |
| House hold No. 2 | 10                              | MAMO HACHE BIDITU | 4-10-93                   | No                          | 10kg   | 1 1/2kg | 21-9-93                       | No                         | No     | 1.7kg | Yes/No  |  |
| House hold No. 3 | 9                               | KADISA BAKISO     |                           | No                          | 10kg   | 1 1/2kg | 21-9-93                       | No                         | No     | 1.7kg | Yes/No  |  |

Explain Discrepancies:

13. #Of mortality in last month NIL

Major causes of Death: NIL

14. Level of malnutrition at this time Nil/Slight/Moderate/High.  
Malnourishment among children \_\_\_\_\_%

15. Is the malnutrition rate of this village getting worse/better/constant.

16. Percentage of population Nomadic 95% Sedentary farmers 5%

17. Health of Camels Good/Poor.  
Cattle Good/Poor

18. Evidence of Animal Deaths in last month NIL

19. Water Sources:

|       | Number within five km. | Dry/ <u>Full</u> /low | Water quality | Water treated yes/ <u>no</u> | Comments       |
|-------|------------------------|-----------------------|---------------|------------------------------|----------------|
| River | /                      | /                     | /             | /                            | /              |
| Wells | 25                     | /                     | Clear & fresh | /                            | Water is clear |
| Dams  | /                      | /                     | /             | /                            | /              |

20. Agricultural Sitrep

| Crop Type | Hectares | Condition of plants | Expected date of harvest | Expected yield per hectare |
|-----------|----------|---------------------|--------------------------|----------------------------|
| /         | /        | /                   | /                        | /                          |
| /         | /        | /                   | /                        | /                          |
| /         | /        | /                   | /                        | /                          |

MAIKONA RELIEF REPORT  
19TH OCTOBER 1993

The community had began receiving the food from F.H.I as from last year 1992 June. Since that time up to date, the people had been getting help from this organization, despite its plan of stopping this relief program soon.

It was on 19th October 1993 we held elders meeting i.e relief committees together with two F.H.I personnel.

- 1) Stephen Danabo - Assistant Relief Manager
- 2) Henry Halkano - Relief field worker

Members of the community were:

- 1) Tuye Adano Wario
- 2) Tura Bagaja
- 3) Diba Kotte
- 4) Jattani Roba

Some other leaders of the community who were present were:

- 1) Samuel Sori - C.P.K representative
- 2) Jonh Galgallo - C.P.K representative
- 3) Pius Boru - Head Shief
- 4) Bonaya - Assistant Chief
- 5) Gabriel Guyo - Councillor

In our meeting we had a lengthy discussion as per the new forum of the distribution of the relief food which the program as targeted to the most destitute members of the community at large.

Out of 189,000 the population of the whole entire district the relief program had been minimized to feed only 50,000 people in the whole district simply because of the reduction in supply.

As our research element we enquired from this elders of their future prospect when the relief is cut down and their response was that they don't have any other hope. They went further and said that since they have lost their herds in a greater percentage as a result of drought and other natural calamities. They have no any other support simply because the few remain will not be able to sustain them in live.

In their previous ledger of food distribution they had 800 household in the whole area. According to their last distribution ledger reading it was as follows:

- Cereals
- Beans
- Oil

Which was conducted on:

|                     |                             |
|---------------------|-----------------------------|
| 4th October 1993    | Oil - 1.5kg                 |
| 21st September 1993 | Beans - 10kg<br>Oil - 1.5kg |
| 20th September 1993 | Maize - 50kg                |
| 9th September 1993  | Oil - 1.7kg                 |

COMPLIED BY: HENRY HALKANO  
MAIKONA RELIEF WORKER

21

OFDA Final Report - December 31, 1993  
 Food for the Hungry/Kenya  
 Marsabit Emergency Relief Grant  
 968-1032-G-00-3016-00

TABLE VI

FOOD FOR WORK PROGRAMS  
 IN CENTRAL DIVISION

| <u>COMMUNITY CENTER</u> | <u>NUMBER OF PEOPLE</u> | <u>TYPE OF PROJECT</u>  |
|-------------------------|-------------------------|---|
| 1. Township             | 150                     | Road leveling/widening  |
| 2. Mata Arba            | 51                      | Women's Group: desilting water-catchment dam; planted trees; clearing brush |
| 3. DakaBaricha          | 120                     | Widening road; clearing   |
| 4. Gor Rukesa           | 100                     | Digging new water-catchment dam   |
| 5. Badassa              | 61                      | Clearing brush under elephant fence   |
| 6. Boru Haro            | 90                      | Removing large stones in road; leveling                                     |
| 7. HulaHula             | 92                      | Clearing of school and church compound                                      |
| 8. Manyatta Jillo       | 100                     | Road widening/leveling  |
| 9. Songa                | 80                      | Clearing brush around and under elephant fence                              |
| 10. Dub Gobba           | 80                      | Removal of large stones in roadway; widening                                |
| 11. Dirib Gombo         | 90                      | Clearing brush from school compound; road work                              |
| 12. Gabbra Scheme       | 60                      | Clearing brush from around road and widening                                |

OFDA Final Report - December 31, 1993  
 Food for the Hungry/Kenya  
 Marsabit Emergency Relief Grant  
 #968-1032-G-00-3016-00

TABLE VII

| <u>BUDGET LINE ITEMS</u>                         | <u>BUDGET</u> | <u>ACTUAL</u> | <u>VARIANCE</u> |
|--|---------------|---------------|-----------------|
| Temporary Staff                                  | \$10,781      | \$8,792       | \$1,989         |
| Casual Labor                                     | 8,060         | 3,700         | 4,360           |
| Transportation                                   | 33,472        | 5,968         | 27,504          |
| Vehicles   | 57,438        | 38,468        | 18,970          |
| Monitoring and Nutritional<br>Assessment Mileage | 15,276        | 5,572         | 9,704           |
| Meals and Lodging for<br>Relief Team             | 2,160         | 2,237         | (77)            |
| Office Supplies and<br>Field Equipment           | 7,593         | 4,983         | 2,610           |
| TOTALS   | \$134,780     | \$69,719      | \$65,061        |

All number in U.S.A. dollars.